

KHVASHCHEVSKAYA, Ya.S., Cand Phys Matn Sci -- (diss)

"Certain problems of method of infrared spectroscopy."

Minsk, 1958, 7 pp (Min of Higher Education USSR.

Belorussian State Univ im V.I. Lenin. Chair of Spectral
Analysis) 180 copies (KL, 28-58, 103)

- 1 -

AUTHORS: Stepanov, B.I. and Khvashchevskaya, Ya.S. SOV/51-5-4-7/21

TITLE: Background of Thermal Radiation in Infrared Spectroscopy (Fon teplovogo izlucheniya v infrakrasnoy spektroskopii)

PERIODICAL: Optika i Spektroskopiya, 1958, Vol 5, Nr 4, pp 393-403 (USSR)

ABSTRACT: The authors obtained formulas which allow for the effect of thermal emission of the radiation receiver and the cell containing the substance studied in infrared spectroscopy. This emission is called a "negative radiation flux". Fig 1 shows, schematically, an infrared spectrometer. Figs 2-5 show that metals (e.g. Al, Cu, Sn) and other substances (e.g. cyclohexanol) possess emissivities at room and at low temperatures (e.g. -140° C) which must be taken into account in any complete discussion of thermal radiation balance in infrared spectroscopy. Fig 6 shows that positive and negative radiation fluxes are present also in scattering processes (scattering by MnSO_4 powder). It is shown that cold bodies may be used as light sources in determination of absorption coefficients. In determination of the temperature dependence of the absorption coefficients even emission of the cell

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Background of Thermal Radiation in Infrared Spectroscopy

SOV/51-5-4-7/21

windows has to be allowed for. The author discusses the precautions necessary in the particular cases of glycerin (Fig 7) and cyclohexane (Figs 8, 9) measurements. Allowances for the thermal radiation background in the method of determination of the absorption coefficient from emission by a plane-parallel layer (Refs 10, 11) are also discussed. There are 10 figures and 11 references, 10 of which are Soviet and 1 American.

ASSOCIATION: Institut fiziki i matematiki, AN BSSR, Belorusskiy gos. universitet im. V.I. Lenina (Institute of Physics and Mathematics, Academy of Sciences of the Belorussian S.S.R.; Byelorussian State University imeni V.I. Lenin)

SUBMITTED: October 31, 1957

Card 2/2 1. Infrared spectroscopy--Temperature factors 2. Thermal radiation
--Properties

STEPANOV, B.I.; KHVASHCHEVSKAYA, Ya.S.

Determining the coefficient of absorption by means of thermal
emission spectra of semitransparent plane parallel layers.
Inzh.-fiz.sbur. no.10:82-87 O '58. (MIRA 11:11)

1. Insitut fiziki i matematiki AN BSSR i Belorusskiy gosudarstvennyy
universitet imeni V.I. Lenina, g. Minsk.
(Absorption spectra)

AUTHORS: Stepanov, B. I., Khvashchevskaya, Yu. S., SOV/48-22-9-20/40

TITLE: Spectroscopy of Negative Currents of Radiation Energy
(Spektroskopiya otritsatel'nykh potokov luchistoy energii)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1958,
Vol 22, Nr 9, pp 1089 - 1092 (USSR)

ABSTRACT: If a correct interpretation of experimental data
of infrared spectroscopy or of high-temperature
spectroscopy is desired it is indispensable to take
into account the background heat radiation and primarily
the heat emission of the substance in question, of
the radiation receiver and even of the material of
the cuvette window. Contrary to positive currents the
maximum value of negative currents is limited. Hence
the effect of the negative currents is comparatively
small and often remains unnoticed. The various occurring
in particle systems under the influence of negative
currents are equivalent to usual effects. The negative
current is either absorbed, dispersed or reflected.
Considerations of a purely theoretical nature induced

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Spectroscopy of Negative Currents of Radiation Energy SOV/48-22-9-20/40

the authors to engage in experimental investigations. Even the first experiments showed that the negative currents can easily be recognized. They exhibit the usual properties of positive currents. They can be used for the determination of the energy level, of the absorption coefficients, of the indices of refraction, of the duration of the excited state, of the yield, of the indicatrix of dispersion etc. Noticeable negative currents are obtained in the infrared range. If the cuvette containing the substance is heated to high temperatures, they can even be recorded in the visible range. In the study of the properties of negative currents which propagate from a cold source towards the cuvette the heat emission of the radiation receivers must be taken into account. This emission is also very high and remains unnoticed only because it is compensated in the encounter with the currents emitted by the cuvette or by other outside objects. The experimental results fully justify the use of the concept of negative currents. It permits to interpret correctly numerous experimental

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Spectroscopy of Negative Currents of Radiation Energy SOV/48-22-9-20/40

effects and to extend the range of application of the known formulae of theoretical optics. Recently Veyngerov and his collaborators discovered a negative optic-acoustical effect (Ref 3). This phenomenon fits into the general scheme of the processes investigated. There are 3 figures and 6 references, 6 of which are Soviet.

ASSOCIATION: Belorusskiy gos. universitet, Institut fiziki i matematiki Akademii nauk BSSR (Belorussiya State University, Institute of Physics and Mathematics, AS Belorusskaya SSR)

Card 3/4

SOV/58-59-8-19035

Translated from: Referativnyy Zhurnal Fizika, 1959, Nr 8, p 282 (USSR)

AUTHORS: Stepanov, B.I., Khvashchetskaya, Ya.S.

TITLE: The Absorption of Negative Radiation Flux

PERIODICAL: Uch. zap. Belorussk. un-t, 1958, Nr 41, pp 19-26

ABSTRACT: It was shown earlier (RZhFiz, 1958, Nr 6, 14281) that, in order to measure the absorption coefficient correctly, it is necessary to make allowance for the temperature and emissive capacity not only of the light source, but also of the cell containing the material under investigation and of the radiation receiver. In the present study a general expression is given, which applies to the most diverse experimental conditions and permits the discounting of these effects. Their influence is greatest in the infrared region of the spectrum. The results of the experimental verification of the derived correlations are given. The authors record the absorption spectra of nitrobenzene and fused-quartz powder, from a source of positive radiation (a heated body), as well as from a source of "negative" radiation (a cooled body), and also when no radiation source is present but the cell

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SOV/58-59-8-19035

The Absorption of Negative Radiation Flux

has been cooled. The spectra prove to be identical in every case but are differently situated with respect to the zero line. Their regularities are well described by the derived formulae. These formulae can also be applied to the negative optical-acoustic effect recently described by Veyngerov and his collaborators (RZhFiz, 1958, Nr 1, 2087). The results may prove useful for the elaboration of new methods of infrared spectroscopy.

G.G. Neuymin

Card 2/2

L-17783-65 EWT(1)/DT(1)/EC(1) P44 AOC(5)/MAF/13P(c)

P0046/64/009/009/0715/0721

ACCESSION NR: AF64/616

AUTHOR: Chruszczewski, J. (Dysanowicz, J.) Roman, J. (Roman, J.)

TITLE: Large-area, high-resolution semiconductor alpha particle spectrometer

SOURCE: Nukleonika, v. 3, no. 2, 1964, 114-121

TOPIC TAGS: alpha particle spectrometer, semiconductor alpha particle spectrometer, high resolution semiconductor spectrometer, large effective area spectrometer

ABSTRACT: A semiconductor alpha particle spectrometer with 320 mm of sensitive area, having a series of four silicon surface barrier detectors and individual low-noise, charge-sensitive preamplifiers is described. This spectrometer showed a resolving power of about 45 kev for 5.3 Mev alpha particles at a temperature of about -250. The background count is less than 1 count per day per channel in the energy spectrum ranging from 0 to 10 Mev. The overall drift of the system is less than 20 kev per day and the nonlinearity is within 1%. The high-resolution, very low background count, and the simplicity of operation make this device ideally suited for alpha spectrometry on very low levels of activity, particularly in biological materials. The authors thank Professor B. Buran and Professor L. Sur-

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L 17783-65

ACCESSION NR: A74147610

Klawick for their valuable reports and conclusions on this paper. Orig. att. has 8 figures and 1 table.

ASSOCIATION: DEPARTMENT OF RADIOLOGICAL RESEARCH, INSTITUTE for SCIENCE and CHEMICAL LABORATORY for Radiological Protection, 191-15

SUBMITTED: 19Nov63

NO REP SOV: 000

SUB CODE: NP

Cord 2/2

21(7)

AUTHORS:

Koval'skiy, N. G., Podgornyy, I. K.,
Khvashchevskiy, S.

SOV/50-55-4-16/52

TITLE:

The Energy of X-Ray Radiation Emitted by a Strong Pulsed Discharge in Hydrogen (Energija rentgenovskogo izlucheniya, ispuskayemogo moshchnym impul'snym razryadom v vodorode)

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,
Vol 35, Nr 4, pp 940 - 946 (USSR)

ABSTRACT:

Already in 1953, after the discovery of hard X-ray radiation accompanying an extensive discharge in hydrogen or deuterium, tests were carried out for the purpose of estimating the limits of this energy spectrum. For this purpose the filtering method, the method of measuring the length of recoil electron tracks in thick nuclear emulsions, the method of the shielded recorder, and the method of the nuclear photoeffect (reaction (γ, n) on Be) were employed. In the present paper the authors employed the method of the track length of recoil electrons in a cloud

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The Energy of X-Ray Radiation Emitted by a Strong Pulsed Discharge in Hydrogen SOV/56-35-4-16/52

chamber. For the purpose of determining the energy of X-ray quanta according to electron energy it is necessary to know whether the electrons originate from a photo- or a Compton effect. Conditions are illustrated by figure 1 in form of a diagram. Within the range of 200 - 400 keV the photoeffect in air may be neglected as against the Compton effect, but this is not the case with the formation of photoelectrons on the glass walls of the chamber. For the production of the pulsed discharge a battery consisting of 12 condensers of the type DM-3/50 (36 μ F) was used; the discharge took place in a porcelain tube of 1 m length and 17 cm diameter; hydrogen pressure in the tube amounted to $6 \cdot 10^{-2}$ torr. With a voltage of 40 kV (200 kA) on the condenser battery, this pressure permitted maximum discharge amperage. Figure 2 shows a block scheme of the test device which is described with all details. Measuring results are shown by 3 diagrams (Figs 4-6): Figure 4 shows the energy distribution

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The Energy of X-Ray Radiation Emitted by a Strong Pulsed SOV/56-53-4-10/12
Discharge in Hydrogen

of the recoil electrons which were formed under the influence of X-ray radiation; figure 5 shows the energy distribution of the electrons formed by X-ray radiation in the tube for $U_{\text{max}} = 240$ kV, figure 6 shows the same for $U_{\text{max}} = 285$ kV. The following summary of investigation results is given: 1) The times of the formation of neutron- and X-ray-radiation in the discharge process coincide. 2) The deuterons responsible for the occurrence of neutrons in deuterium discharges are accelerated in the direction of the cathode; the intensity maximum of X-ray and neutron radiation is in the zone near the anode. 3) X-ray- and neutron radiation is observed in one and the same zone of the primary gas pressure in the discharge tube. 4) By estimation of the maximum deuteron energy a value of 250 keV is obtained; this value is in good qualitative agreement (within the limits of measuring errors) with the energy limit of the X-ray spectrum (320 kV). The authors thank L.A.Artsimovich

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The Energy of X-Ray Radiation Emitted by a Strong Filamentary
Discharge in Hydrogen

and S.Yu. Luk'yanov for valuable discussions, and
T.L.Asatiani for his help in preparing the cloud chamber.
There are 6 figures and 3 references, 4 of which are
Soviet.

SUBMITTED: May 27, 1958

Card 4/4

S/058/62/000/006/009/136
A061/A101

9,6150

AUTHORS: Khvashchevska, Ya., Dybovski, K., Khvashchevski, S.

TITLE: [Fabrication] technique and characteristics of silicon alpha-particle counters

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 10, abstract 6B78
("Inst. badań jądrow. PAN", 1961, no. 242/1-B, 9 pp., ill., Russian and Polish summaries)

TEXT: A fabrication technique for Si detectors with surface barrier, to serve for alpha-particle recording, is described, and their main working characteristics are indicated. n-type Si of a resistivity of 100 - 300 ohms·cm was used in the detector fabrication. The detector thickness ranged between 1 and 1.5 mm. The surface barrier was formed by coating one side of the Si plate with a thin gold film. The spectrum of Pu²³⁹ alpha particles, which is presented, was measured at a counter voltage of 5 v and a loading impedance of 100 kilohms. The resolving power, measured on the Pu²³⁹ alpha line, was found to be 5%. The signal-to-noise ratio was 29. The linearity of the function between pulse amplitude and alpha-particle energy was examined. In all of the detectors produced,

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A061/A101

[Fabrication] technique and...

this function was found to be linear up to an alpha-particle energy of 5 Mev.
The time of pulse growth depended essentially on the pass-band of the amplifier
and amounted to 0.2 - 0.3 μ sec.

Ya. M.

[Abstracter's note: Complete translation]

Card 2/2

KHVASHCHEVSKIY, S. [Khvashchewski, S.]

[Interaction of fast plasma with the barrier of an
alternating magnetic field] Vzaimodeistvie bystrykh plaz-
moidov s bar'ierom peremennogo magnitnogo polya. Vsesoyuz.
Inst. iadernykh issledovaniy issledovaniy, 1966. 18 p.
(UFA 18:17)

KHIVASHCHEVSKI, Stefan [Chwaszczewski, Stefan]

Coaxial plasma gun. Nukleonika 7 no.9:539-546 '62.

1. Institut yadernykh issledovaniy, Polskoy akademii nauk,
Otdeleniye reaktornoy tekhniki, Varshava.

ТИШЕНКО, Л. И.; КИРИЛЛОВ, А. И.

Heat emission from a fluidized bed of a fine grained heat carrier
to the pipe surface. Khim. prom. 41 no.2:54-57 P 195.

(MIRA 2842)

1. ZHVASTUNOV, M. Eng.
2. USSR (600)
4. Television Broadcasting
7. Television. Rabotnitsa 31 No. 1, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

KHVASTUNOV, M., inzhener.

To the sun. Tekh.mol.22 no.3:10 Mr '54.

(MLRA 7:2)

(Interplanetary voyages)

AUTHOR: Khvastunov, M. SOV/29-58-10-20/26
TITLE: The Book on Scientific Heroism (Kniga o nauchnom podvige)
PERIODICAL: Tekhnika molodezhi, 1958, Nr 10, pp 29 - 29 (USSR)
ABSTRACT: This is a review of the novel "Magnetron" published by the publishing house Detgiz in 1957. It is difficult to find out what is of greater importance in the life of the author G.I. Babat, science or literature. Babat is a scientist and Doctor of Technical Sciences. He became known by a number of new and interesting ideas on the application of high frequency technique. At the same time he is the author of quite a number of popular science books. In his books we find a combination of poetry and mathematically precise descriptions of phenomena and consequences. Already in this books the author's preference of literature becomes obvious. The book "Magnetron" which Babat wrote together with A.L. Garf could not have been written by an author without scientific knowledge. The main topic of the book is science. It is an example of a novel written by an artist in such a way that it may be

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The Book on Scientific Heroism

SOV/29-58-10-20/28

understood by everybody. At the same time it reports on living people, their fates and passions. The novel has numerous heroes. Some of them are strikingly described, some are delineated less good. But there are no empty and insipid characters. Each character has its own, personal features and distinguishes himself from the others. In short the reader is fascinated.

Card 2/2

KHVASTUNOV, M. (Kirgizskaya SSR)

Here they are mining lead. Izobr.1 rats. no.12:28-29 D '59.

(MIRA 13:8)

(Kirghizistan--Lead mines and mining)

KHVASTUNOV, M.S.

[Some remarks on inelastic interaction of nucleons] Nekotorye
zamechaniia o neuprugom vzaimodeistvii nuklonov. Dubna, Ob"edi-
nennyi in-t iadernykh issledovani, 1961. 5 p. (MIRA 14:12)
(Nucleons)

VISHKI, T.; GRAMENITSKIY, I.M.; KORBEL, Z.; NOMOFILOV, A.A.; PODGORETSKIY,
M.I.; ROB, L.; STREL'THOV, V.N.; TUVDENDORZH, D.; KHVAISTUNOV, M.S.

Inelastic interactions between protons and nucleons at an energy
of 9 Bev. Zhur.eksp.i teor.fiz. 41 no.4:1069-1075 0 '61.
(MIRA 14:10)

1. Ob"yedinennyy institut yadernykh issledovaniy.
(Protons) (Nucleons)

SHTAYNBUK, Shneyer Yevseyevich; KHVASTUNOV, N.O., nauchnyy red.;
FOMICHEV, A.G., red.; SHISHKOVA, L.M., tekhn.red.

[Gas cutter] Rabochii-gazoreschik. Leningrad, Gos.soiuznoe
izd-vo sudostroit.promyshl., 1960. 151 p. (MIRA 13:7)
(Gas welding and cutting)

KHVASTUNOV, Nikolay Georgiyevich; NIKOLAYEV, N.A., red.;
TELYASHOV, R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn.
red.

[Using Leningrad city gas in cutting metals] Reзка metalla
s primeneniem leningradskogo gorodskogo gaza. Leningrad,
1963. 20 p. (Leningradskii dom nauchno-tekhnicheskoi pro-
pagandy. Obmen perezovym opytom. Seriya: Svarka, rezka i
paika metallov, no.3) (MIRA 16:10)
(Leningrad—Gas welding and cutting)

DEMENT'YEV, V.M.; NEKHLEBAYEV, Yu.P.; TISHCHENKO, A.T.; KHVASUKHIN, Yu.I.;
IVANOV, G.A.

Flameless burning of gas in a furnace with a fluidized bed. Gaz.
prom. 10 no.6:29-32 '65. (MIRA 18:6)

KHAT, I. R. "A study of the processes of filtering sodium bicarbonate on rotating vacuum filters", Trudy Vsesoyuz. nauch. issled. inst. khim. i tekhn. sel'sk. khoz-ya, Vol. V, 1949, p. 195-220, - Bibliography: 23 items.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

KHVAT, Lev Borisovich; KUMKES, S.N., red.; KOSHELEVA, S.M.;
tekhn. red.

[Coming from afar] Prishedshie izdaleka. Moskva, Geog-
rafgiz, 1963. 188 p. (MIRA 17:1)
(Antarctic regions)

KHVAT, Lev Borisovich.

Besprimernyi perelet. [Unprecedented flight]. Moskva, Partizdat TSK VEF(b) 1936.
158 p. plates, ports., 2 maps (1 fold.).

PLC: TL721.755K5

SO: Soviet Transportation and Communications. A Bibliography. Library of Congress
Reference Department, Washington, 1952, Unclassified.

KHVAT, L.

KHVAT, L., and LAZAR' KONSTANTINOVICH BROCHMAN.

Geroicheski perelet "Rodiny." Moskva, Gospolitizdat, 1938. 76 p.,
1 l., ports.

Title tr.: The heroic flight of "Rodina."

TL721.G67B7

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

KHVAT, Lev Borisovich; SHCHERBAKOV, D.I., akademik, redaktor; KUMKES, S.N.,
redaktor; NOGINA, M.I., tekhnicheskii redaktor

[Mysterious continent] Zagadochnyi materik. Moskva, Gos. izd-vo
geogr. lit-ry, 1956. 287 p. (MLRA 10:1)
(Antarctic regions)

LITVINENKO, M.S.; KHVAT, M.B.; BRODOVICH, A.I.; PERTSEVA, N.Ya.;
PERMAN, N.M.; Prinsipali uchastiye: LOPATINSKIY, D.K.; AGARKOVA, V.I.;
SAMOKHVALOVA, N.N.; KRONIK, I.L.

Obtaining sodium thiocyanate for the manufacture of nitron fibers.
Koks i khim. no.6:34-40 '63. (MIRA 16:9)

1. Ukrainskiy uglekhimicheskiy institut (for Litvinenko, Khvat,
Brodovich, Kronik, Pertseva). 2. Khar'kovskiy koksokhimicheskiy
zavod (for Perman).
(Textile fibers, Synthetic) (Sodium thiocyanate)

KHVATIYA, R.A.

USSR/Cultivated Plants. Subtropical. Tropical.

M-8

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20538.

Author : R.A. Khvatiya

Inst : The Chakvi Affiliate of the All-Union Scientific Research
Institute for Tea and Subtropical Cultures.

Title : Supplemental Pollination with a Pollen Mixture in the Seed
Raising of Tea.
(Dopolnitel'noye opyleniye smes'yu pyl'tsy v semenovodstve
chaya).

Orig Pub: Byul. Vses. n.-i. in-ta chaya i subtrop. kul'tur, 1957,
No 1, 76-82.

Abstract: At the Chakvi affiliate of the Institute during 1954-1957,
the effect of pollinating with a pollen mixture on pro-
ductivity and seed quantity (No. 6 of the Chinese variety)
was studied. Pollen of Chinese, Indian and Japanese teas

Card : 1/2

ZVONKOVA, Z.V.; KHVATKINA, A.N.

Atomic structure of cyanamide. Kristallografiia 6 no.2:184-189
Mr-Ap '61. (MIRA 14:9)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova.
(Spectrum, Atomic) (Cyanamide)

ZVONKOVA, Z. V.; KRIVNOV, V. Ya.; KHVATKINA, A. N.

New determination of the atomic and electronic structure of
dicyandiamide. Dokl. AN SSSR 155 no. 2: 398-401 Mr '64.
(MIRA 17:5)

1. Fiziko-khimicheskiy institut im. L. Ya. Karpova.
Predstavleno akademikom S. S. Medvedevym.

KHIVATKOV, A. M., Engineer

"Investigation of Starting of Automobile Carburetor-Type Engines 'ZIS-120',
'GAZ-51,' 'Pobeda,' and 'Moskvich.'" Sub 16 Feb 51, Moscow Automotive
Mechanics Inst

Dissertations Presented for science and engineering degrees in
Moscow during 1951.

CC: SUN. No. 480. 9 May 55

SMETNEV, N.N., inzh.; KHVATKOV, A.N.

Studying the starting of diesel engines abroad. Vest.mash. 38
no.9:77-80 S '58. (MIRA 11:10)
(Diesel engine--Starting)

KHVATKOV, N.M.; MAKIYENKO, V.F.

Application of ultrasonics for removing scale from heat-exchange apparatus. Koks i khim. no.16:46-49 '61. (MIRA 15:2)

1. Kadiyevskiy kokaokhimicheskiy zavod.
(Heat exchangers)
(Ultrasonics)

KHVATKOV, N.M.

Oil coolers made with "antagmit"(graphite plastic) pipes. Koks i
khim. no.1:57-59 '63. (MIRA 16:2)

1. Kadiyevskiy koksokhimicheskiy zavod.
(Pipe, Plastic) (Oil coolers)

25(5)

SOV/117-59-8-10/44

AUTHOR: Khvatkov, P.A., Engineer

TITLE: A Unique Agglomeration Unit

PERIODICAL: Mashinostroitel', 1959, Nr 8, pp 4-5 (USSR)

ABSTRACT: The article describes a new agglomeration machine developed at the Uralmashzavod. The new machine "K-1-200/-312" is a conveyer unit which agglomerates, warms the charge by hot gases, and accomplishes the initial cooling of the ready agglomerate in one continuous process. The work surface of the agglomeration belt is 4 m wide, and the overall area of the gas-suction vacuum chambers is 312 m². The productivity of the machine is 240/350 tons per hour; the maximum thickness of the agglomeration layer 0.4 m; and the overall length of the machine is 103 m. The automatic control system for the agglomeration process is under development at the Leningrad institute "Mekhanobr". There is 1 photo.

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SOV/117-59-8-10/44

A Unique Agglomeration Unit

ASSOCIATION: Otdel glavnogo Konstruktora gornorudnogo mashinostroyeniya Uralmashzavoda (Department of the Chief Designer for Mining Machine Building of the Uralmashzavod).

Card 2/2

KHvatov, A.; MATVEYKO, V., RYBAL'SKAYA, M.

Our goal is profitability! *Rech. transp.* 23 no.12 9-10 D '64.
(MIRA 18:6)

1. Nachal'nik otдела passazhirskikh perevozok Severo-zapadnogo
rechnogo parokhodstva (for Khvatov). 2. Leningradskiy Institut
vodnogo transporta (for Matveyko, Rybal'skaya).

KHIVATOV, A.D.

ca

The dependence of the energy of activation on the activity of the catalyst. A. D. Khivатов. *J. Gen. Chem.* (U. S. S. R.) 9, 810-24 (1939).—The surface of catalysts is not homogeneous. The most active regions of the surface are first acted upon by chem. reagents which decrease the activity of the catalyst almost 80%. In the expts. the surface structure of Ni was changed by the reaction of Ni(CO)₄ formation (formed when a stream of CO is passed at 100-150° over Ni, and again decompd. into Ni and CO at 200-400°) by passing definite amts. of CO, and by detg. the activation energy of CH₃CHO decompn. from the reaction CH₃CHO → CH₄ + CO. The reaction velocity was detd. by passing 1 l. of CO in 1 hr. over

the catalyst at 100°. The Ni(CO)₄ formed was passed into a U tube heated to 350° where it was decompd. into metallic Ni and CO. The deposited Ni was dissolved in HNO₃ and its amt. detd. by the method of Chuguev as Ni dimethylglyoxime. This expt. was repeated until the activity of the catalyst (measured by the reaction/velocity) remained const. or changed only slightly. The reactions were performed in a quartz tube (500 mm. long, 18 mm. diam.) with 2 g. of the catalyst (2 cm. long). After the first action of CO a very sharp drop of the decompn. velocity was observed (26.6-47%). After the second CO action a smaller drop occurred at 250-60°, and only a very small drop after the third CO action at 200°. It was found that a min. of Ni formation corresponded to the max. activity drop of the catalyst. This verifies the hypothesis that the no. of active regions on the surface of the catalyst can be very small. From the exptl. data the energies of activation for the different steps of the chem. action of CO on Ni were calcd. from the equation of Arrhenius, and they were found to be the same in all cases (9000 ± 300 cal.). This shows that the energy of activation does not depend on the activity of the catalyst. 6 diagrams, 7 tables, and 17 references are given.

W. R. Heun

1ST AND 2ND EDITION										3RD AND 4TH EDITION									
PROCESSES AND PROPERTIES INDEX																			
<p>Changes of catalyst in poisoning. A. D. Khyatov (Moscow State Univ.). <i>J. Gen. Chem. (U.S.S.R.)</i> 18, 407-14 (1946). - Confirmation was secured for the supposition that, on poisoning of Ni catalyst by CO, there occurs not only an intensive topochem. change of the surface but also the change of structure of the components of the catalyst which changes the basic course of the reaction. The change in Ni is apparently the detg. factor in the changes of the other catalyst components. The greatest drop of activity corresponds to the greatest change of disperse nature of the catalyst and a min. amt. of removed metal. The control reaction used was the dehydrogenation of cyclohexane.</p>										<p>G. M. Kosolapov</p>									
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>										<p>62-000000</p>									
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</p>										<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</p>									

1. 0413/66-67 EMP(d)/EMP(c)/EMP(v)/EMP(k)/EMP(h)/EMP(l)

REG NO: AP6029981

(A, N)

SOURCE CODE: UR/0413/66/000/015/0193/0193

INVENTORS: Putayn, D. P.; Gusev, A. I.; Filatov, G. V.; Dartau, A. N.; Mazayov, A. N.; Novak, G. A.; Yelagin, P. Ya.; Khvatov, A. I.; Dyukov, A. I.; Khropik, B. A.

ORG: none

TITLE: A shop for assembling large structures of flying machines. Class 62, No. 184138

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 193

TOPIC TAGS: construction machinery, aircraft

ABSTRACT: This Author Certificate presents a shop for assembling large structures of flying machines. The shop contains columns sunk into the foundations, horizontal beams fixed on top of the columns, cups with fixing devices, and clevises holding receptors and wedges. To shorten the assembly time and to rearrange the shop repeatedly, bearing plates are fixed to the columns, beams, and cups. These plates have a network of coordinating holes which receive pins connecting the plates to one another. The fixing devices of the cups are tied to the coordinating holes in the spacing strip placed in an aperture in the beam. The bottom of this

Card 1/2

UDC: 629.13.01/06

L 09262-67
ACC NR: AP6029981

0

aperture also contains coordinating holes for fixing the separating strip to the plate of the horizontal beam.

SUB CODE: 01/13/ SUBM DATE: 01Mar65

The development of normal and experimentally produced corpora lutea. B. P. Khyatov. *Izvest. Akad. Nauk SSSR Ser. Med. Biol. Sci.* 1969, 10: 1039-1041. (Kiev. Zentr. 1969, 1, 3910.)

KHvatov, B. P.

Khvatov, B. P. "On the methodology of studying the process of fecundation and movement of eggs in egg-laying mammals," Trudy Krymsk. med. in-ta im. Stalina, Vol. XII, 1948, p. 67-71

SO: M-3250, 16 June 53, (Ietopis 'Zhurnal 'nykh Statey, No. 5, 1949).

KHVATOV, B.P.

Khvatov, b.p. - "Materials on the innervation of sexual organs and changes after castration," Trudy Krymsk. med. in-ta im. Stalina, Vol. XI¹, 1948, p. 73-78

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

~~KHVAZOV, Boris Pavlovich~~

[Fertilization and early stages of embryonic development in domestic animals] Oplodotvorenie i rannie stadii razvitiia zarodyshei sel'skokhoziaistvennykh zhiivotnykh. Simferopol', Krymizdat, 1954.
129 p. (MLRA 10:4)

(Veterinary embryology) (Fertilization(Biology))

Khvatov, B.P.

New data on ovulation, and movement and division of eggs in the
oviducts in mammals. Arkh. anat. gist. i embr. 31 no.4:3-10 O-D '54.
(MLRA 8:2)

1. Iz kafedry gistologii i embriologii (zav. prof. B.P.Khvatov)
Krymskogo meditsinskogo instituta imeni I.V.Stalina.

(OVULATION,)

(OVUM,

transfer & division in mammals)

KHVATOV, Boris Pavlovich

[Structure and physiological modifications of the generative
organs of female domestic animals] Stroenie i fiziologicheskie
izmeneniia polovoi sistemy samok domashnikh shivotnykh.
Simferopol', Krymizdat, 1955. 175 p. (MLRA 10:4)
(Generative organs, Female) (Domestic animals)

KHVATOV, B. P.

USSR / General Problems of Pathology. Transplantation U
of Tissue and Tissue Therapy.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13534

Author : Khvatov, B. P.; Shilko, N. A .

Inst : Crimean Medical Institute

Title : The Influence of Folliculin on the Adaptation of
a Uterus Transplant.

Orig Pub : Tr. Krymsk. med. in-ta, 1957, 18, 38-42

Abstract : In castrated male rabbits and rats, a piece of
the horn of the uterus from an adult female was
transplanted into the abdominal cavity. The
rabbits each received 2000 units of folliculin
every other day, the rats 100 units each and
later 20 units each, with intervals of 3-5 days
for the duration of 37 or 58 days. In the con-
trol group, the transplant resorbed quickly.

W. 1. 2

Card 1/2

KHVATOV, B.P. (Simferopol', 6, Bul'var Lenina, d.5/7, kv.2)

New data on fertilization in man. Arkh. anat. gist. i embr. 36 no.3:
42-43 Mr '59. (MIRA 12:7)

1. Kafedra gistologii i embriologii (zav. - prof. B. P. Khvatov)
Krymskogo meditsinskogo instituta im. Stalina.

(FERTILIZATION

first stage of develop. in eviduct of human (Rus))

KHVATOV, B.P. (Simferopol', 6, bul'var Lenina, 5/7, kv.2)

Fertilization and early (tubal) stages in the development of man.
Ark. anat. gist. i embr. 39 no. 12:3-17 '60. (MIRA 14:2)

I. Kafedra gistologii i embriologii (zav. - prof. B.P. Khvatov)
Krymskogo meditsinskogo instituta im. I.V. Stalina.
(EMBRYOLOGY, HUMAN)

KHVATOV, B.P., doktor med.nauk, prof.; SHAPOVALOV, Yu.N., kand.med.nauk

Contribution of embryology to medicine. Nauka i zhizn' 29 no.3:48-50
Mr '62. (MIRA 15:7)

1. Zaveduyushchiy Kafedroy gistologii i embriologii Krymskogo
meditsinskogo instituta, Simferopol' (for Khvatov).
(EMBRYOLOGY, HUMAN)

ENVATOV, Boris Lvovich, doktor med. nauk, prof.: ENVIKOV,
Boris Lvovich; ENVIKOV, Val., prof.

[Embryos developed in a flask; a biological "cradle"] k-
rotych razvivayetsia v kelbe; biologicheskaya "kolybel".
Moskva, izd-vo "Znanie," 1964. 31 p. (Novoe v zhizni,
nauka, tekhnika. VII Seriya: Biologiya i meditsina, no.19)
(MIRA 18:1)

KHVATOV, F.

On the basis of increased activities of party organizations.
Prom.koop. 13 no.5: 34-35 My '59. (MIRA 12:9)

1. Sekretar' Stalinskogo Rayonnogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuzn, g.Stalingrad.
(Stalingrad--Cooperative societies)

KHVATOV, N.F. (Moskva)

Rare case of an asymptomatic giant pheochromocytoma. Khirurgiia
40 no.12:124-126 D '64. (MIRA 18:3)

KHVATOV, P.P., student IV kursa

Modification of the phagocytic index in peptic ulcer under various functional conditions of the central nervous system. Trudy LSGMI 20:100-104 '54. (MLRA 10:8)

1. Klinika fakul'tetskoy terapii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta, zav. kafedroy - prof. V.D. Vyshegorodtseva.

(PEPTIC ULCER, blood in,
phagocytic index)

(PHAGOCYTOSIS, in various diseases,
peptic ulcer, phagocytic index)

MEVATOV, R.S., tekhnik.

Muffleless boiler firing. Energetik 5 no.3:13-14 Mr '57.
(MIRA 10:3)
(Boilers)

BEREZKIN, V., sud'ya vsesoyuznoy kategorii; YEGOROV, V., master sporta;
ZELIKSON, L., sud'ya vsesoyuznoy kategorii; MAYBORODA, O.,
sportamen 1 razryada; MIKHAYLOV, Yu., master sporta, prizher
pervenstva SSSR po ralli; STELLIFEROVSKIY, V., sud'ya respublikanskoy
kategorii; CHERTOV, R., master sporta, chempion Moskvyy po ralli;
KHIVATOV, V., master sporta; SHUVALOV, L., master sporta, prizher
pervenstv SSSR i Litvy po ralli

Means for the development of rally races. Za rul. 21 no.5:16-17
My '63. (MIRA 16:9)

1. Chlenyy obshchestvennogo soveta po avtomobil'nomu sportu pri
redaktsii zhurnala "Za rulem".
(Automobile racing)

CHERNYAYKIN, V.; MINAYEV, A.; KIVATOV, V.

Abroad. Avt.transp. 42 no.2:57-59 P '64.

(MIRA 17:3)

Khvatov V.I.

AUTHORS: Dorman, S.G. (Chief Designer), and Khvatov, V.I. 130-3-12/22

TITLE: Lengthening the input ^{roller} tables of a blooming mill. (Udlinenie priyemnykh rol'gangov blumirga).

PERIODICAL: "Metallurg" (Metallurgist), 1957, No.3, pp.22-24. (U.S.S.R.)

ABSTRACT: Defects in the ingot-conveying system were hampering the achievement of higher productivity at the Magnitogorsk blooming mills and the present article describes the work carried out to remove these defects. The work involved the lengthening of the input tables of both the blooming mills by about 30 m. The work was complicated by the fact that it had to be completed within three days. The procedure adopted had as its main features: 1) the use of prefabricated ferro-concrete blocks with a volume of 30 m³ and a weight of 75 tons each for the foundations of the table and ingot-dumper; 2) the use of a special device with a lifting capacity of 75 tons and mounted on the metalwork of the soaking pits crane for placing the blocks and the large pre-assembled sections of the tables; 3) the completion of a foundation-trench for the future table before the start of the work. The operation was completed in time and secured the anticipated improvement in ingot-conveying. The organization adopted is recommended for other works. There are 3 diagrams, 1 photograph.

Card 1/1

ASSOCIATION: Planning Department of the Magnitogorsk Metallurgical Combine. (Proyektnyy otdel Magnitogorskogo Metallurgicheskogo Kombinata).

AVAILABLE:

ZABOLOTNIKOVA, I.I.; KHVATOV, V.V.

Alkali rocks in the Synzas section. Mat.po gaeol.Zap.Sib. no.64:
173-177 '63.

Nepheline and sodalite-cancrinite rocks in the Kobarzinsk section.
Ibid.:177-193 (MIRA 17:4)

AUTHOR: Khvatov, Yu.A., Head Technologist SOV/127-58-11-13/16

TITLE: The Operational Experience of the Concentration Mill of YuGOK (Opyt raboty obogatitel'noy fabriki YuGOK)

PERIODICAL: Gornyy zhurnal, 1958, Nr 11, pp 64 - 68 (USSR)

ABSTRACT: The author reports on the results obtained at the concentration mill of the Yuzhnyy gorno-obogatitel'nyy kombinat - YuGOK (The Southern Mining-Concentration Kombinat) - after some defects in the technological process were corrected. Since 1957 the mill has been working on a new technology. Results of the work are given in table 1. All phases of the work are described. There are 3 tables, 3 schematic diagrams, 2 graphs and 4 Soviet references.

ASSOCIATION: YuGOK

Card 1/1

1. Mining engineering--USSR

KHVATOV, Yu.A., gornyy inzh.; BURAYEV, B.K., gornyy inzh.

Production of a high-quality magnetic concentrate at the New
Krivoy Rog Mining and Ore Dressing Combine. Gor. zhur. no.11;
64-66 N '64. (MIRA 18:2)

1. Novo-Krivorozhskiy gornobogatitel'nyy kombinat.

DENISENKO, A.I.; KARMAZIN, V.I.; SULTANOVICH, Ye.A.; MIGUTSKIY, L.R.;
KHVATOV, Yu.A.; BURAYEV, B.K.

Industrial tasting of ore pebble crushing of Krivoy Rog Basin
quartzites. Gor. zhur. no.4:57-60 Ap '65. (MIRA 18:5)

1. Dnepropetrovskiy gornyy institut (for Denisenko, Karmazin,
Sultanovich). 2. Novo-Krivorozhskiy gornoobogatitel'nyy kom-
binat (for Migutskiy, Khvatov, Burayev).

KHVATOV, Yu.A.; POLYAKOV, N.A.

Use of new ore-dressing equipment. Gor.zhur. no.4:58-62 Ap '62.
(MIRA 15:1.)

1. Nachal'nik obogatitel'noy fabriki Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Khvatov). 2. Glavnyy obogatitel' Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Polyakov).
(Krivoy Rog Basin--Ore dressing--Equipment and supplies)

BINKEVICH, V.A.; KHVATOV, Yu.A.; POLYAKOV, N.A.; BURAYEV, B.K.

Operation of rod and ball mills in the first and second stages of milling. Gor. zhur. no.1:65-67 Ja '62. (MIRA 15:7)

1. Dnepropetrovskiy sovnarkhoz (for Binkevich). 2. Novo-Krivorozhskiy gorno-obogatitel'skiy kombinat (for Khvatov, Polyakov, Burayev).

(Krivoy Rog--Mining machinery)

KABISHCHER, S.G.; KARMAZIN, V.I.; KHVATOV, Yu.A.; BURAYEV, B.K.

Obtaining high-grade flotation concentrates at the New Krivoy Rog
Mining and Ore Dressing Combine. Gor.zhur. no.8:58-62 Ag '62.
(MIRA 15:8)

1. Mekhanobrehermet (for Kabishcher). 2. Dnepropetrovskiy
gornyy institut (for Karmazin). 3. Novo-Krivorozhskiy gorno-
obogatitel'nyy kombinat (for Khvatov, Burayev).
(Krivoy Rog Basin--Flotation)

KARMAZIN, V.I., doktor tekhn.nauk; KABISHER, S.G., inzh.; KHVATOV, Yu.A.,
inzh.; KARMAZIN, V.V., inzh.; BURAYEV, B.K., inzh.

Industrial production of final iron ore concentrates. Met. 1
gornorud. prom. no.3:58-62 My-Je '62. (MIRA 15:9)
(Ore dressing)

KHVATOV, Yu.A., inzh.; VILENKIN, D.M., inzh.; KNYAZHITSKIY, Yu.A., inzh.

New durable designs of lining plates for ore grinding mills. Gor.
zhur. no.12:31-35 D '63. (MIRA 17:3)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

BUTAKOV, S.Ye., prof., doktor tekhn. nauk; KHVATOV, Yu.V., assistant

Using the reaction method in the investigation of ventilation
installations. Sbor. nauch. trud. Ural. politekh. inst.
no.122:268-274 '61. (MIRA 17:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury
SSSR.

KHVATOV, Yu.V., inzh.

Testing centrifugal fans by a reaction technique. Izv. vys. ucheb.
zav.; gor. zhur. 7 no.10:130-133 '64. (MIRA 18:1)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova. Rekomen-
dovana kafedroy teplogazosnabzheniya i ventilyatsii.

KHVATOVA, A.V.

"The Change in the Functions of the Visual Analysor During the Course of Orthoptic Treatment for Convergent Strabismus." Cand Ned Sci, First Moscow Inst, Moscow, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

LEVINSON, A. M. (Genl. Med. Sci.) and BRADSHAW, M. E. (Genl. Med. Sci.)

"Die prinzipielle Fragen der Untersuchungsmethoden des Binokularsehens
im Zusammenhang mit der Behandlungsmöglichkeit der Schielens ohne Operation,"
Monatsschrift für Felsenmechanik und Optik, No. 3, Aug. 50.

State Research Inst. for Ophthalmology Im. Gel'gol'ts, AS USSR

KHVATOVA, A.V.

Origin of concomitant strabismus. Probl.fiziol.opt. 12:480-484 '58
(MIRA 11:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaznykh bolezney
im. Gol'mgol'tsa.
(STRABISMUS)

BELOSTOTSKIY, Ye.M.; KHVATOVA, A.V.

Diagnosis and treatment of concomitant strabismus (present status of the problem). Oft.zhur. 14 no.5:259-269 '59.

(MIRA 12:10)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney im. Gel'mgol'tsa (direktor - kand.med.nauk A.V.Roslavtsev).

(STRABISMUS)

BELOSTOTSKIY, Yevgeniy Maksimovich; KHVATOVA, A.V.; red.; KUZ'MINA,
N.S., tekhn.red.

[Diagnosis and treatment of concomitant strabismus at the current
stage of knowledge] Diagnostika i lechenie sodruzhestvennogo
kosoglazia na sovremennom etape znaniy. Moskva, Gos.izd-vo med.
lit-ry Medgiz, 1960. 132 p. (MIRA 14:1)
(STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

Frequency of sympathetic ophthalmia. Oft. zhur. 15 no.9:465-468
'60. (MIRA 14:1)

1. Iz Nauchno-issledovatel'skogo instituta glaznykh bolezney im.
Gel'mgol'tsa (direktor - A.V.Roslavtsev).
(EYE--INFLAMMATION)

BELOSTOTSKAYA, Ye.M.; KHVATOVA, A.V.

Problem of the charater of visual disorders in children of
school age. *Pediatrics* 38 no.1:72-76 '60.

(MIRA 13:10)

(VISION)

DANTSIG, Naum Moiseyevich; KHVATOVA, A.V., red.; ZUYEVA, N.K., tekhn.
red.

[Hygiene of vision in school children] Gigiena zrenia uchashchikhsia
shkol. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p.
(MIRA 14:7)

(EYE—CARE AND HYGIENE)

ZAGORA, Edvard[Zagora, Edward], doktor med.; ZAKOL'SKIY, V.G.[translator];
ROMANOVSKIY, M.M.[translator]; DANTSIG, N.M., prof., red.;
KHVATOVA, A.V., red.; GABERLAND, M.I., tekhn. red.

[Industrial ophthalmology] Promyshlennaia oftal'mologiya. Pod
red. N.M.Dantsiga. Moskva, Medgiz, 1961. 395 p. (MIRA 15:4)
(INDUSTRIAL OPHTHALMOLOGY)

ORLOVA, Yelena Mikhaylovna; BELOSTOTSKIY, Yevgeniy Maksimovich [deceased];
KHAVATOVA, A.V., red.; GABERLAND, M.I., tekhn.red.

[Contact lenses] Kontaktnye linzy. Moskva, Medgiz, 1961.
114 p. (MIRA 15:5)

(CONTACT LENSES)

ZOLOTAREVA, Mariya Mikhaylovna; KHVATOVA, A.V., red.; POGOSKINA, M.V.,
tekhn. red.

[Eye diseases; a textbook for medical schools] Glaznye bolezni;
uchebnik dlia meditsinskikh uchilishch. 2. izd., dop. i ispr.
Moskva, Medgiz, 1961. 230 p. (MIRA 15:7)
(EYE—DISEASES AND DEFECTS)

AVERBAKH, F.A.; KHVATOVA, A.V., red.; GONCHAROVA, T.I., tekhn. red.

[Industrial medical expertise in eye diseases]Vrachebno-
trudovaia ekspertiza pri glaznykh zabolovaniakh. 2. izd.
Moskva, Medgiz, 1962. 65 p. (MIRA 15:9)

(DISABILITY EVALUATION)
(EYE--DISEASES AND DEFECTS)

BELOSTOTSKIY, Ye.M., doktor med.nauk [deceased]; AVETISOV, E.S., kand.
med.nauk; FRIDMAN, S.Ya., kand.med.nauk; SMOL'YANINOVA, I.L.,
kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Basic problems of diagnosis and treatment of concomitant
strabismus. Uch.zap. GNII glaz.bol. no.7:7-12 '62.

(MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-
issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SEME NOVSKAYA, Ye.N., doktor biolog.nauk; KHVATOVA, A.V., kand.med.nauk

Electrooculography in strabismus. Uch.zap. GNI glaz.bol. no.7:
41-47 '62. (MIRA 16:5)

1. Iz laboratorii fiziologicheskoy optiki i travmatologicheskogo
otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta
glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS) (ELECTROPHYSIOLOGY)

KHVATOVA, A.V., kand.med.nauk

Results of pre- and postoperative treatment and surgery in
concomitant strabismus. Uch.zap. GVII glaz.bol. no.7:101-107
'62. (MIRA 16:5)

1. Iz travmatologicheskogo otdeleniya i otdeleniya okhrany zreniya
detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh
bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

Surgery in convergent concomitant strabismus in children of pre-school and primary school age. Uch.zap. GNII glaz.bol. no.7:113-123 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

BELOSTOTSKAYA, Ye.M., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Prevention of visual disorders in children of preschool age and
in schoolchildren. Uch.zap. GNII glaz.bol. no.7:241-252 '62.
(MIRA 16:5)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii
i gigiyeny imeni Erismana i Gosudarstvennogo nauchno-issledovatel'-
skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(EYE-CARE AND HYGIENE)

SMOL'YANINOVA, I.L., kand.med.nauk; KHVATJOVA, A.V., kand.med.nauk

Methodological basis of pre- and postoperative treatment and surgery in concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:81-90 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

So-called "invisible" strabismus. Uch.zap. GIII glaz.bol. no.7:
281-283 '62. (MIRA 1615)

1. Iz travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-
issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

CHERNYAVSKIY, Grigoriy Yakovlevich; KHVATOVA, A.V., red.; BASHMAKOV,
G.M., tekhn. red. USSR

[What should be known about glaucoma] Chto nado znat' o glau-
kome. Moskva, Medgiz, 1963. 25 p. (MIRA 16:2)
(GLAUCOMA)